

DUCTED SPLIT SYSTEM

Multiplex



ADB-B/AMC
A5DB-H/A5MC-PFC
ADSB-B/AMC
A5DSB-H/A5MC-PFC

Common Features

Air Supply Flexibility

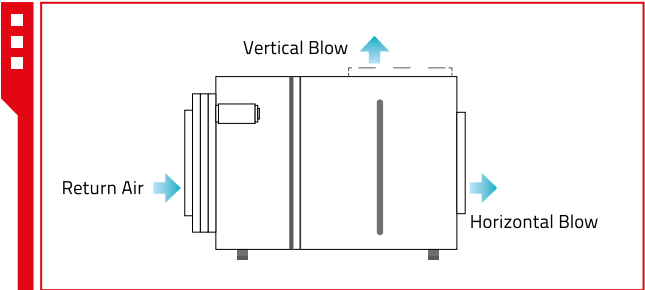
Ducted Split System utilises belt driven blower which allows for air volume and static pressure adjustment. This flexibility allows for wider range of application to suit different requirements.

**Applicable for
ADB 125B and above
A5DB 125H and above
ADSB 125B and above
A5DSB 125H and above*

Convertible Discharge

Air discharge can be converted from horizontal to vertical discharge and vice versa depending on site requirement and design.

**Applicable for certain unit*



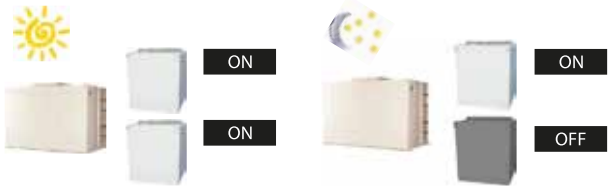
Partial Loading

Ducted Split System is designed with two or more separate refrigerant circuits with multiple individual compressors. By doing so, the unit has part load capabilities. This will improve the reliability and energy efficiency especially during low loading operations.

**Applicable for multiple outdoor set*

Day time
Required capacity
: 250,000 BTU/h

Night time
Required capacity:
125,000 BTU/h



Versatility

Acson Ducted Blower is designed to cool multiple zone of a building or space simultaneously by distribution of cool comfort air to every corner through the design of ducting system. It's flexibility allows for a wide range of applications.

Excellent and Quiet Air Distribution

High air flow coupled with high external static pressure allows the cool air to be distributed to where is needed through long piping application, making it flexible from design stage. While no indoor unit is in the space, absolute serenity is desired.

Easy Maintenance

The simple design concept makes service and maintenance easy. Access to the internal part from service panel or other side of the unit by just loosening a few screws.

Optional Add Ons

- Sequential Controller
Sequential controller is supplied as the optional specification where the system is matching with two outdoor units and more which allows part load capabilities.

- Fresh Air, Anyone?
Fresh air can be introduced into the building through the design of fresh air intakes such that a predetermined percentage of fresh air can be drawn into the system and supplied to every corner of the building. This will improve the Indoor Air Quality (IAQ).



Peace of Mind Service

With nationwide service points, there must be one around you to provide fast and reliable service when assistance is needed.



** Please refer to our warranty policy*

DUCTED BLOWER SYSTEM (ADB/AMC)

Model : ADB40 - 750B	Static Pressure : 0.4 in Wg - 1.8 in Wg
Cooling Capacity : 35,000BTU/h - 750,000BTU/h	Refrigerant : R22

Ducted Blower System (ADB-B/AMC)

SPECIFICATIONS

MODEL		INDOOR UNIT		ADB 40B		ADB 50B	ADB 60B	
		OUTDOOR UNIT		ALC 35D	ALC 40D	ALC 50D	ALC 61D	
NOMINAL CAPACITY			BTU/h	35,000	40,000	50,000	61,000	
			W	10,255	11,720	14,650	17,873	
NOMINAL TOTAL INPUT POWER			W	3,155	3,942	5,608	5,954	
NOMINAL RUNNING CURRENT			A	15.10	6.50	9.30	10.00	
EER			BTU/h/W	11.09	10.14	8.91	10.24	
			W/W	3.25	2.97	2.61	3.00	
POWER SOURCE			V/Ph/Hz	ID: 220 ~ 240/1/50	IDU: 200 ~ 240 / 1 / 50 ODU: 380 ~ 415 / 3 / 50			
INDOOR UNIT	CONTROL	OPERATION		WIRED CONTROL (FIELD SUPPLY)				
		AIR DISCHARGE		HORIZONTAL ONLY				
	AIR FLOW		HIGH	l/s / CFM	590 / 1,250		756 / 1,600	1,132 / 2,400
	EXTERNAL STATIC PRESSURE WITHOUT FILTER		Pa / in.wg		100 / 0.4			
	SOUND PRESSURE LEVEL		dBA		53		61	
	UNIT DIMENSION		HEIGHT	mm/in	572 / 22.6			
			WIDTH	mm/in	892 / 35.1		1,402 / 55.2	
			DEPTH	mm/in	761 / 30		605 / 23.8	
	PACKING DIMENSION		HEIGHT	mm/in	762 / 30.1		700 / 27.6	
			WIDTH	mm/in	995 / 39.2		1,562 / 61.5	
			DEPTH	mm/in	880 / 34.7		845 / 33.3	
	UNIT WEIGHT		kg/lb		50 / 111		85 / 188	
OUTDOOR UNIT	AIR FLOW		l/s / CFM		1,605 / 3400		1,793/3,800	
	SOUND PRESSURE LEVEL		dBA		58		61	
	UNIT DIMENSION		HEIGHT	mm/in	852 / 33.5			
			WIDTH	mm/in	1,030 / 40.6			
			DEPTH	mm/in	400 / 15.8			
	PACKING DIMENSION		HEIGHT	mm/in	1,010 / 39.8			
			WIDTH	mm/in	1,180 / 46.5			
			DEPTH	mm/in	514 / 20.2			
	UNIT WEIGHT		kg/lb		78 / 172	85 / 187	88 / 194	105 / 231
	PIPE CONNECTION	TYPE			FLARE			
		SIZE	LIQUID	mm/in	9.52 / 3/8			12.7 / 1/2
			GAS	mm/in	19.05 / 3/4			
REFRIGERANT		TYPE		R22				
		CHARGE	kg/lb	2 / 4.4	2.48 / 5.46	2.55 / 5.61	5 / 11.00	

- Note:
- All specifications are subjected to change by the manufacturer without prior notice.
 - All units are being tested and comply to ISO 13253.
 - Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

- Indoor sound pressure level are according to JIS B 8615 standard.

Horizontal Discharge: Position of the measurement point 1.5m below the unit.

(With 1m duct connect to the inlet and 2m duct connect to the outlet)

Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.

(With Tested with 2m length duct at discharge only)

Ducted Blower System (ADB-B/AMC)

▼ SPECIFICATIONS

MODEL			INDOOR UNIT		ADB 80B		ADB 100B	ADB 125B
			OUTDOOR UNIT		AMC 72C	AMC 80C	AMC 100B	AMC 125B
NOMINAL CAPACITY				BTU/h	70,000	80,000	100,000	125,000
				W	20,515	23,440	29,300	36,625
NOMINAL TOTAL INPUT POWER				W	7,109	8,760	10,334	12,344
NOMINAL RUNNING CURRENT				A	13.60	15.20	19.40	21.40
EER				BTU/h/W	11.25	9.13	9.67	10.12
				W/W	2.89	2.68	2.84	2.97
POWER SOURCE				V/Ph/Hz	ID: 220 ~ 240/1/50 OD: 380 ~ 415/3/50			380 ~ 415 / 3 / 50
INDOOR UNIT	CONTROL	OPERATION			WIRED CONTROL (FIELD SUPPLY)			
		AIR DISCHARGE			HORIZONTAL			HORIZONTAL & CONVERTIBLE
	AIR FLOW		HIGH	l/s / CFM	1,180 / 2,500		1,510 / 3,200	1,982 / 4,200
	EXTERNAL STATIC PRESSURE WITHOUT FILTER			Pa / in.wg	100 / 0.4			230 / 0.92
	SOUND PRESSURE LEVEL			dBA	50		53	58
	UNIT DIMENSION		HEIGHT	mm/in	572 / 22.6			885 / 34.8
			WIDTH	mm/in	1,402 / 55.2			1,540 / 60.7
			DEPTH	mm/in	605 / 23.8			850 / 33.5
	PACKING DIMENSION		HEIGHT	mm/in	700 / 27.6			1,154 / 45.4
			WIDTH	mm/in	1562 / 61.5			1,787 / 70.4
			DEPTH	mm/in	845 / 33.3			1188 / 46.8
	UNIT WEIGHT			kg/lb	89 / 196		93 / 205	173 / 381
OUTDOOR UNIT	AIR FLOW			l/s / CFM	2,832 / 6,000		2,926 / 6,200	
	SOUND PRESSURE LEVEL			dBA	70	74	65	
	UNIT DIMENSION		HEIGHT	mm/in	946 / 37.2		946 / 37.2	
			WIDTH	mm/in	1,300 / 51.18		939 / 37.0	
			DEPTH	mm/in	500 / 19.68		1,116 / 43.9	
	PACKING DIMENSION		HEIGHT	mm/in	1,132 / 44.56		1,132 / 44.6	
			WIDTH	mm/in	1,414 / 55.66		1,112 / 43.8	
			DEPTH	mm/in	664 / 26.14		1,312 / 51.7	
	UNIT WEIGHT			kg/lb	145 / 320		164 / 361	169 / 373
	PIPE CONNECTION	TYPE		BRAZED				
		SIZE	LIQUID	mm/in	12.7 / 1/2		15.88 / 5/8	
			GAS	mm/in	25.4 / 1.0		28.58 / 1%	
	REFRIGERANT		TYPE		R22			
			CHARGE	kg/lb	6.4 / 14.08		6.8 / 14.96	

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- Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
- Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

Ducted Blower System (ADB-B/AMC)

▼ SPECIFICATIONS

MODEL			INDOOR UNIT		ADB 150B	ADB 150B2	ADB 200B2	ADB 250B2	ADB 300B2	ADB 300B3	
			OUTDOOR UNIT		AMC 150C	AMC 80Cx2	AMC 100Bx2	AMC 125Bx2	AMC 150Cx2	AMC 100Bx3	
NOMINAL CAPACITY			BTU/h		150,000		200,000	250,000	300,000	300,000	
			W		43,950	43,960	58,600	73,250	87,900	87,900	
NOMINAL TOTAL INPUT POWER			W		16,200	17,343	20,118	25,658	34,190	32,392	
NOMINAL RUNNING CURRENT			A		31.80	34.53	39.30	44.50	66.40	65.80	
EER			BTU/h/W		9.26	8.65	9.94	9.74	8.77	9.26	
			W/W		2.71	2.53	2.91	2.85	2.57	2.71	
POWER SOURCE			V/Ph/Hz		380 ~ 415 / 3 / 50						
INDOOR UNIT	CONTROL	OPERATION			WIRED CONTROL						
		AIR DISCHARGE			HORIZONTAL & CONVERTIBLE			VERTICAL & CONVERTIBLE			
	AIR FLOW		HIGH	l/s / CFM	2,171 / 4,600		3,021 / 6,400	3,776 / 8,000	4,248 / 9,000		
	EXTERNAL STATIC PRESSURE WITHOUT FILTER			Pa / in.wg	230 / 0.92		265 / 1.06	280 / 1.12	300 / 1.20		
	SOUND PRESSURE LEVEL			dBA	60		61	63	66		
	UNIT DIMENSION		HEIGHT	mm/in	885 / 34.8			1,231 / 48.5			
			WIDTH	mm/in	1,540 / 60.7		1,794 / 70.7	1,766 / 69.5			
			DEPTH	mm/in	850 / 33.5			1,069 / 42.0			
	PACKING DIMENSION		HEIGHT	mm/in	1154 / 45.4			1,506 / 59.3			
			WIDTH	mm/in	1,787 / 70.4		2,052 / 80.8	2,034 / 80.0			
			DEPTH	mm/in	1,188 / 46.8			1,412 / 55.6			
	UNIT WEIGHT			kg/lb	180 / 397		220 / 486	343 / 757			
OUTDOOR UNIT	AIR FLOW			l/s / CFM	5,475 / 11,600	2,832 / 6,000	2,926 / 6,200		5,475 / 11,600	2,926 / 6,200	
	SOUND PRESSURE LEVEL			dBA	74		65		74	65	
	UNIT DIMENSION		HEIGHT	mm/in	1,041 / 41.0	946 / 37.2	946 / 37.2		1,041 / 41.0	946 / 37.2	
			WIDTH	mm/in	939 / 37.0	1,300 / 51.18	939 / 37.0				
			DEPTH	mm/in	1,116 / 43.9	500 / 19.68	1,116 / 43.9				
	PACKING DIMENSION		HEIGHT	mm/in	1,227 / 48.3	1,132 / 44.56	1,132 / 44.6		1,227 / 48.3	1,132 / 44.6	
			WIDTH	mm/in	1,112 / 43.8	1,414 / 55.66	1,112 / 43.8				
			DEPTH	mm/in	1,312 / 51.7	664 / 26.14	1,312 / 51.7				
	UNIT WEIGHT			kg/lb	227 / 500	145 / 320	164 / 361	169 / 372	227 / 500	164 / 361	
	PIPE CONNECTION	TYPE			BRAZED						
		SIZE	LIQUID	mm/in	15.88 / 5/8	12.7 / 1/2	15.88 / 5/8	15.9 / %			
			GAS	mm/in	34.92 / 1½	25.4 / 1.0	28.58 / 1½	34.92 / 1½			
	REFRIGERANT		TYPE			R22					
			CHARGE	kg/lb	9.90 / 21.78	6.8 / 14.96	7.6 x 2 / 16.8 x 2	7.95 x 2 / 17.49 x 2	9.9 x 2 / 21.78 x 2	7.6 x 3 / 16.8 x 3	

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(With 1m duct connect to the inlet and 2m duct connect to the outlet)
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(With Tested with 2m length duct at discharge only)

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Ducted Blower System (ADB-B/AMC)

 SPECIFICATIONS

MODEL			INDOOR UNIT			ADB 600B5			ADB 750B5			
			OUTDOOR UNIT			AMC 100B		AMC 125B x 4	AMC 150C x 5			
NOMINAL CAPACITY					BTU/h	600,000				750,000		
					W	175,800				219,750		
NOMINAL TOTAL INPUT POWER					W	61,497				85,981		
NOMINAL RUNNING CURRENT					A	107.69				166.90		
EER					BTU/h/W	9.75				8.72		
					W/W	2.86				2.56		
POWER SOURCE					V/Ph/Hz	380 ~ 415 / 3 / 50						
INDOOR UNIT		CONTROL	OPERATION			WIRED CONTROL						
			AIR DISCHARGE			VERTICAL & FACTORY CONVERTIBLE						
		AIR FLOW		HIGH	l/s / CFM	8,496 / 18,000				10,619 / 22,500		
		EXTERNAL STATIC PRESSURE WITHOUT FILTER			Pa / in.wg	405 / 1.63				455 / 1.83		
		SOUND PRESSURE LEVEL			dBA	70				71		
		UNIT DIMENSION		HEIGHT	mm/in	1,918 / 75.5				2,197 / 86.5		
				WIDTH	mm/in	2,174 / 85.6						
				DEPTH	mm/in	1,775 / 69.9						
		PACKING DIMENSION		HEIGHT	mm/in	2,062 / 81.2			2,341 / 92.2			
				WIDTH	mm/in	2,399 / 94.4						
				DEPTH	mm/in	2005 / 78.9						
		UNIT WEIGHT			kg/lb	991 / 2,185				1,051 / 2,318		
OUTDOOR UNIT		AIR FLOW			l/s / CFM	2,926 / 6,200				5,475 / 11,600		
		SOUND PRESSURE LEVEL			dBA	65				73		
		UNIT DIMENSION		HEIGHT	mm/in	946 / 37.2				1,041 / 41.0		
				WIDTH	mm/in	939 / 37.0						
				DEPTH	mm/in	1,116 / 43.9						
		PACKING DIMENSION		HEIGHT	mm/in	1,132 / 44.6			1,227 / 48.3			
				WIDTH	mm/in	1,112 / 43.8						
				DEPTH	mm/in	1,312 / 51.7						
		UNIT WEIGHT			kg/lb	164 / 361		169 / 372		227 / 500		
		PIPE CONNECTION	TYPE		BRAZED							
			SIZE	LIQUID	mm/in	15.9 / ½						
				GAS	mm/in	28.58 / 1½		34.9 / 1¾				
REFRIGERANT		TYPE			R22							
		CHARGE	kg/lb	7.6 / 16.8		7.95 / 17.49 (x4)		9.9 (x5) / 21.78 (x5)				

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- Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
- Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

DUCTED BLOWER WITH PARALLEL FLOW CONDENSER (PFC) SYSTEM (A5DB-H/A5MC-H)

Model :
A5DB 80H - 750H5

Cooling Capacity :
80,000BTU/h - 750,000BTU/h

Static Pressure :
0.4 in Wg - 1.4 in Wg

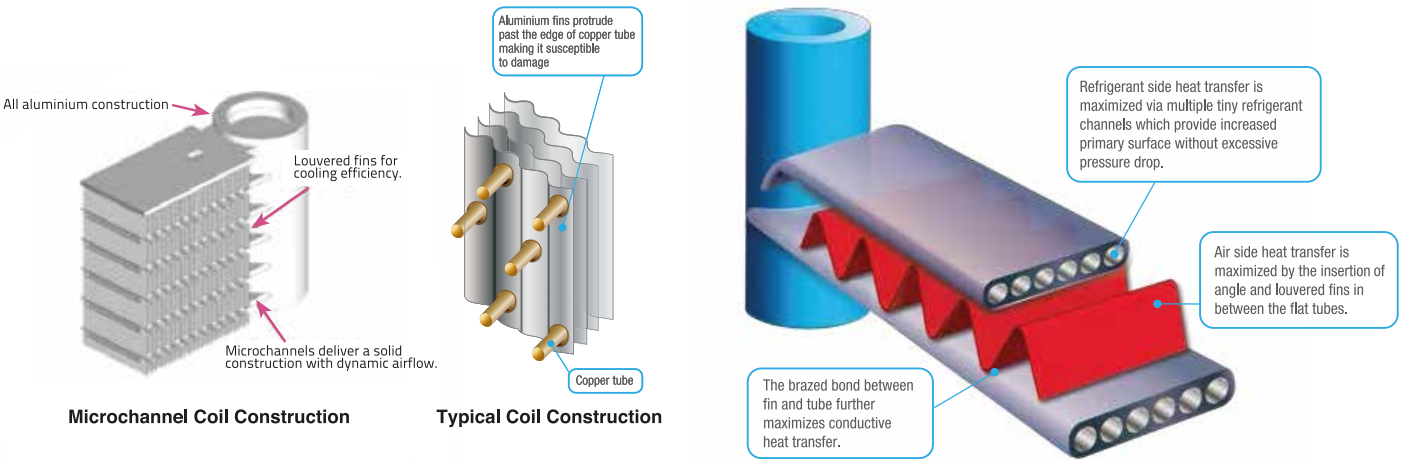
Refrigerant :
R410A

Features

Parallel Flow Condenser (PFC) Heat Exchanger Better Efficiency

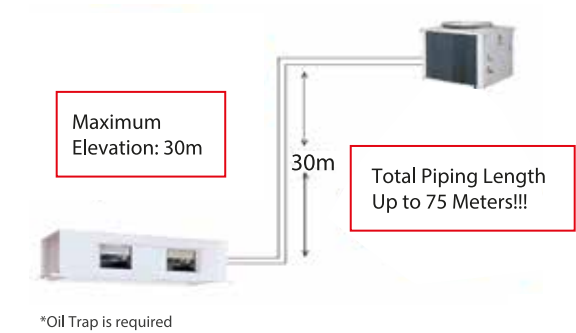
Parallel Flow Condenser (PFC) utilizes whole aluminium and brazed-fin construction which consists of flat microchannel tube, folded louvered fin and refrigerant manifolds/header. This results in a more rigid, lighter in weight and better resistance against galvanic corrosion.

PFC significantly improves performance with multiple flat tubes containing small channels (microchannels) through which refrigerant flows. The result is higher heat transfer which translate into cost saving.

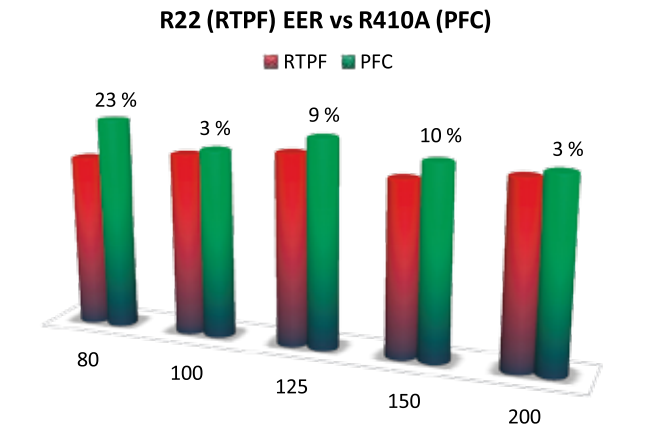


Longer Piping Applications

The total piping length allowed in PFC outdoor unit is longer when oil trap is included. This can easily accommodate various building design with lesser constraints.



PFC heat exchanger yield better efficiency compare to conventional Round Tube Plate Fin (RTPF) yet lighter.



▼ SPECIFICATIONS

MODEL			INDOOR UNIT		A5DB 80H	A5DB 100H	A5DB 125H	A5DB 150H
			OUTDOOR UNIT		A5MC 80H	A5MC 100H	A5MC 125H	A5MC 150H
NOMINAL CAPACITY				BTU/h	80,000	100,000	125,000	150,000
				W	23,400	29,300	36,600	44,000
NOMINAL TOTAL INPUT POWER				W	7,100	10,000	11,350	14,800
NOMINAL RUNNING CURRENT				A	12.50	17.10	19.70	28.70
EER				BTU/h/W	11.27	10.00	11.01	10.14
				W/W	3.30	2.93	3.22	2.97
POWER SOURCE				V/Ph/Hz	ID: 220 - 240 / 1 / 50 OD: 380 - 415 / 3 / 50		380 - 415 / 3 / 50	
INDOOR UNIT	CONTROL	OPERATION			WIRED CONTROL			
		AIR DISCHARGE			HORIZONTAL & NON - CONVERTIBLE		HORIZONTAL & CONVERTIBLE	
	AIR FLOW		HIGH	l/s / CFM	1,085 / 2,300	1,416 / 3,000	1,770 / 3,750	2,124 / 4,500
	EXTERNAL STATIC PRESSURE WITH FILTER			Pa / in.wg	100 / 0.4		150 / 0.6	
	SOUND PRESSURE LEVEL			dBA	52	55	53	56
	UNIT DIMENSION	HEIGHT	mm/in	553 / 21.77		776 / 30.55		
		WIDTH	mm/in	1,402 / 55.2		1,540 / 60.63		
		DEPTH	mm/in	605 / 23.82		850 / 33.46		
	PACKING DIMENSION	HEIGHT	mm/in	700 / 27.56		920 / 36.22		
		WIDTH	mm/in	1,522 / 59.92		1,783 / 70.2		
DEPTH		mm/in	880 / 34.65		1,184 / 46.61			
UNIT WEIGHT			kg/lb	83 / 182.98		159 / 350.53		
OUTDOOR UNIT	AIR FLOW			l/s / CFM	2,077 / 4,400	3,020 / 6,400	3,256 / 6,900	4,908 / 10,400
	SOUND PRESSURE LEVEL			dBA	69	65		70
	UNIT DIMENSION	HEIGHT	mm/in	929 / 36.57	1,067 / 42		1,166 / 45.91	
		WIDTH	mm/in	1,235 / 48.62	880 / 34.65	980 / 38.58		
		DEPTH	mm/in	496 / 19.53	880 / 34.65	980 / 38.58		
	PACKING DIMENSION	HEIGHT	mm/in	1,085 / 42.72	1,231 / 48.46		1,321 / 52.01	
		WIDTH	mm/in	1,385 / 54.53	1,030 / 40.55	1,130 / 44.49		
		DEPTH	mm/in	684 / 26.93	1,058 / 41.65	1,158 / 45.59		
	UNIT WEIGHT			kg/lb	111 / 244.71	135 / 297.62	157 / 346.13	177 / 390.22
	PIPE CONNECTION	TYPE			BRAZED			
		SIZE	LIQUID GAS	mm/in mm/in	12.7 / 1/2 25.4 / 1		28.58 / 1%	15.88 / 5/8 34.92 / 1 3/8
	REFRIGERANT		TYPE			R410A		
CHARGE			kg/lb	2.5 / 5.51	3.4 / 7.5	4.8 / 10.58	5.2 / 11.46	

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Cooling	
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Outdoor	35°C DB / 24°C WB

Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

▼ SPECIFICATIONS

MODEL			INDOOR UNIT		A5DB 200H2		A5DB 250H2		A5DB 300H2		A5DB 300H3		
			OUTDOOR UNIT		A5MC 100H x 2		A5MC 125H x 2		A5MC 150H x 2		A5MC 100H x 3		
NOMINAL CAPACITY				BTU/h		200,000		250,000		300,000			
				W		58,600		73,200		88,000			
NOMINAL TOTAL INPUT POWER				W		19,700		23,880		30,520		29,710	
NOMINAL RUNNING CURRENT				A		35.10		40.60		58.70		52.60	
EER				BTU/h/W		10.15		10.47		9.83		10.10	
				W/W		2.97		3.07		2.88		2.96	
POWER SOURCE				V/Ph/Hz		380 - 415 / 3 / 50							
INDOOR UNIT		CONTROL	OPERATION			WIRED CONTROL							
			AIR DISCHARGE			VERTICAL & CONVERTIBLE							
		AIR FLOW		HIGH	l/s / CFM	2,832 / 6,000		3,540 / 7,500		4,248 / 9000			
		EXTERNAL STATIC PRESSURE WITH FILTER			Pa / in.wg	200 / 0.8							
		SOUND PRESSURE LEVEL			dBa	61		63		66		66	
		UNIT DIMENSION		HEIGHT	mm/in	885 / 34.84		1,231 / 48.43					
				WIDTH	mm/in	1,794 / 70.63		1,766 / 69.53					
				DEPTH	mm/in	850 / 33.46		1,069 / 42.09					
		PACKING DIMENSION		HEIGHT	mm/in	1,154 / 45.43		1,506 / 59.29					
				WIDTH	mm/in	2,052 / 80.79		2,034 / 80.08					
				DEPTH	mm/in	1,188 / 46.77		1,412 / 55.59					
UNIT WEIGHT			kg/lb	196 / 432.11		323 / 712.09		337 / 742.96					
OUTDOOR UNIT		AIR FLOW		l/s / CFM	3,020 / 6,400		3,256 / 6,900		4,908 / 10,400		3,020 / 6,400		
		SOUND PRESSURE LEVEL			dBa	65			70		65		
		UNIT DIMENSION		HEIGHT	mm/in	1,067 / 42.00			1,166 / 43.94		1,067 / 42.00		
				WIDTH	mm/in	880 / 34.65		980 / 38.58			880 / 34.65		
				DEPTH	mm/in	880 / 34.65		980 / 38.58			880 / 34.65		
		PACKING DIMENSION		HEIGHT	mm/in	1,231 / 48.46			1,321 / 52.01		1,231 / 48.46		
				WIDTH	mm/in	1,030 / 40.55		1,130 / 44.49			1,030 / 40.55		
				DEPTH	mm/in	1,058 / 41.65		1,158 / 45.59			1,058 / 41.65		
		UNIT WEIGHT			kg/lb	135 / 297.62		157 / 346.13		177 / 390.22		135 / 297.62	
		PIPE CONNECTION		TYPE	SIZE		BRAZED						
					LIQUID	mm/in	12.7 / 1/2			15.88 / 5/8		12.7 / 1/2	
			GAS	mm/in	25.4 / 1		28.58 / 1%		34.92 / 1 3/8		25.4 / 1		
REFRIGERANT		TYPE			R410A								
		CHARGE	kg/lb	3.6 x 2 / 7.94 x 2		4.0 x 2 / 8.82 x 2		4.7 x 2 / 10.36 x 2		3.2 x 3 / 7.05 x 3			

1. All specifications are subjected to change by the manufacturer without prior notice.
2. All units are being tested and comply to ISO 13253.
3. Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

Ducted Blower System (A5DB-H/A5MC-H)

▼ SPECIFICATIONS

MODEL			INDOOR UNIT		A5DB 350H3		A5DB 400H4	A5DB 450H3	
			OUTDOOR UNIT		A5MC 100H	A5MC 125H x 2	A5MC 100H x 4	A5MC 150H x 3	
NOMINAL CAPACITY				BTU/h	350,000		400,000	450,000	
				W	102,500		117,200	131,900	
NOMINAL TOTAL INPUT POWER				W	34,550		39,330	45,930	
NOMINAL RUNNING CURRENT				A	60.4		70.20	89.30	
EER				BTU/h/W	10.13		10.17	9.80	
				W/W	2.97		2.98	2.87	
POWER SOURCE				V/Ph/Hz	380 - 415 / 3 / 50				
INDOOR UNIT	CONTROL	OPERATION			WIRED CONTROL				
		AIR DISCHARGE			VERTICAL & CONVERTIBLE				
	AIR FLOW		HIGH	l/s / CFM	4,955 / 10,500		5,710 / 12,000	6,420 / 13,500	
	EXTERNAL STATIC PRESSURE WITH FILTER			Pa / in.wg	200 / 0.8		250 / 1.0		
	SOUND PRESSURE LEVEL			dBA	66			68	
	UNIT DIMENSION	HEIGHT	mm/in	1,486 / 58.50		1,486 / 58.50			
		WIDTH	mm/in	2,022 / 79.61		2,174 / 85.59			
		DEPTH	mm/in	1,069 / 42.09		1,336 / 52.6			
	PACKING DIMENSION	HEIGHT	mm/in	1,766 / 69.53		1,766 / 69.53			
		WIDTH	mm/in	2,279 / 89.72		2,431 / 95.71			
		DEPTH	mm/in	1,412 / 55.59		1,684 / 66.3			
	UNIT WEIGHT			kg/lb	431 / 950.19		488 / 1,075.86	533 / 1,175.06	
OUTDOOR UNIT	AIR FLOW			l/s / CFM	3,020 / 6,400	3,256 / 6,900	3,020 / 6,400	4,908 / 10,400	
	SOUND PRESSURE LEVEL			dBA	65			70	
	UNIT DIMENSION	HEIGHT	mm/in	1,067 / 42			1,166		
		WIDTH	mm/in	880 / 34.65	980 / 38.58	880 / 34.65	980 / 38.58		
		DEPTH	mm/in	880 / 34.65	980 / 38.58	880 / 34.65	980 / 38.58		
	PACKING DIMENSION	HEIGHT	mm/in	1,231 / 48.46			1,321 / 52.01		
		WIDTH	mm/in	1,030 / 40.55	1,130 / 44.49	1,030 / 40.55	1,130 / 44.49		
		DEPTH	mm/in	1,058 / 41.65	1,158 / 45.59	1,058 / 41.65	1,158 / 45.59		
	UNIT WEIGHT			kg/lb	135 / 297.62	157 / 346.13	135 / 297.62	177 / 390.22	
	PIPE CONNECTION	TYPE		BRAZED					
		SIZE	LIQUID	mm/in	12.7 / 1/2			15.88 / 5/8	
			GAS	mm/in	25.4 / 1	28.58 / 1½	25.4 / 1	34.92 / 1 ⅜	
REFRIGERANT		TYPE		R410A					
		CHARGE	kg/lb	3.1 / 6.83	4.7 x 2 / 10.36 x 2	3.4 x 4 / 7.50 x 4	4.6 x 3 / 10.14 x 3		

- Note:
1. All specifications are subjected to change by the manufacturer without prior notice.
 2. All units are being tested and comply to ISO 13253.
 3. Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

4. Indoor sound pressure level are according to JIS B 8615 standard.
- Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
- Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

Ducted Blower System (A5DB-H/A5MC-H)

▼ SPECIFICATIONS

MODEL			INDOOR UNIT		A5DB 500H4	A5DB 600H4	A5DB 750H5
			OUTDOOR UNIT		A5MC 125H x 4	A5MC 150H x 4	A5MC 150H x 5
NOMINAL CAPACITY				BTU/h	500,000	600,000	750,000
				W	146,500	175,850	219,900
NOMINAL TOTAL INPUT POWER				W	49,990	61,620	78,640
NOMINAL RUNNING CURRENT				A	85.60	118.90	152.10
EER				BTU/h/W	10.00	9.74	9.54
				W/W	2.93	2.85	2.80
POWER SOURCE				V/Ph/Hz	380 - 415 / 3 / 50		
INDOOR UNIT	CONTROL	OPERATION			WIRED CONTROL		
		AIR DISCHARGE			VERTICAL & CONVERTIBLE	VERTICAL & FACTORY CONVERTIBLE	
	AIR FLOW		HIGH	l/s / CFM	7,135 / 15,000	8,560 / 18,000	10,700 / 22,500
	EXTERNAL STATIC PRESSURE WITH FILTER			Pa / in.wg	250 / 1.0	300 / 1.2	350 / 1.4
	SOUND PRESSURE LEVEL			dBA	68	70	71
	UNIT DIMENSION	HEIGHT	mm/in	1,486 / 58.50	1,918 / 75.51	2,197 / 86.5	
		WIDTH	mm/in	2,174 / 85.59			
		DEPTH	mm/in	1,336 / 52.6	1,775 / 69.88		
	PACKING DIMENSION	HEIGHT	mm/in	1,766 / 69.53	2,122 / 83.54	2,401 / 94.53	
		WIDTH	mm/in	2,431 / 95.71	2,399 / 94.45		
		DEPTH	mm/in	1,684 / 66.3	2,005 / 78.94		
	UNIT WEIGHT			kg/lb	580 / 1,278.68	899 / 1,981.96	946 / 2,085.57
OUTDOOR UNIT	AIR FLOW			l/s / CFM	3,256 / 6,900	4,908 / 10,400	
	SOUND PRESSURE LEVEL			dBA	65	70	
	UNIT DIMENSION	HEIGHT	mm/in	1,067 / 42	1166 / 45.91		
		WIDTH	mm/in	980 / 38.58			
		DEPTH	mm/in	980 / 38.58			
	PACKING DIMENSION	HEIGHT	mm/in	1,231 / 48.46	1,321 / 52.01		
		WIDTH	mm/in	1,130 / 44.49			
		DEPTH	mm/in	1,158 / 45.59			
	UNIT WEIGHT			kg/lb	157 / 346.13	177 / 390.22	
	PIPE CONNECTION	TYPE	BRAZED				
		SIZE	LIQUID	mm/in	12.7 / 1/2	15.88 / 5/8	
	GAS		mm/in	28.58 / 1%	34.92 / 1 ½		
REFRIGERANT		TYPE		R410A			
		CHARGE	kg/lb	4.5 x 4 / 9.92 x 4	4.7 x 4 / 10.36 x 4	4.5 x 5 / 9.92 x 5	

- Note:
1. All specifications are subjected to change by the manufacturer without prior notice.
 2. All units are being tested and comply to ISO 13253.
 3. Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

4. Indoor sound pressure level are according to JIS B 8615 standard.
- Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
- Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

INDOOR & OUTDOOR Units

Ducted Blower System (ADB-B/AMC)
Ducted Blower With Parallel Flow Condenser (PFC) System (A5DB-H/AMC-H)

Indoor Units (ADB-B/A5DB-H)



ADB 40B/50B



ADB 60B/80B/100B
A5DB 80H/100H



ADB 125B/150B/200B2
A5DB 125H/150H



A5DB 200H2



ADB 250B2/300 B2
A5DB 250H2/300H2



ADB 300B3/350B3
A5DB 300H3



ADB 400B4/450B3/500B4
A5DB 400H4/450H3/500H4



ADB 600B4
A5DB 600H4



ADB 750B5
A5DB 750H5

Outdoor Units (ALC/AMC/A5MC-H)



ALC 35D/40D/50D/61D



AMC 72C/80C



A5MC 80H



AMC 100B/125B



AMC 150C
A5MC 100H/125H/150H

DOUBLE SKIN DUCTED BLOWER SYSTEM (ADSB/AMC)(A5DSB-H/A5MC-H)

Model :

ADSB 75B - 500B4

Cooling Capacity :

80,000BTU/h - 500,000BTU/h

Static Pressure :

0.4 in Wg - 1.0 in Wg

Refrigerant :

R22

Model :

A5DSB 80H - 500H4

Cooling Capacity :

80,000BTU/h - 500,000BTU/h

Static Pressure :

0.6 in Wg - 1.0 in Wg

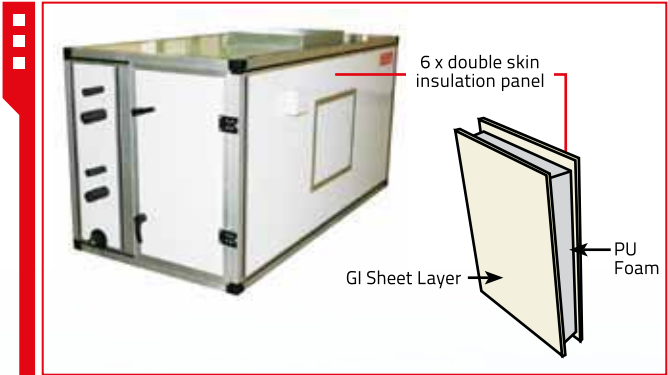
Refrigerant :

R410A

Features

Excellent Thermal Barrier

All the frameworks come with 1 inch double skin PU insulation panel to create a thermal barrier between the internal and external surfaces. The Polyurethane (PU) foam prevent heat lost and sweating happened.



Superior Silent Operation

All cabinet lined with 1 inch sound-proof insulation avoiding transmission of vibration thus reducing the sound level of the unit.

Double Skin Ducted Blower Split System (ADSB/AMC)

SPECIFICATIONS

MODEL			INDOOR UNIT		ADSB 75B	ADSB 100B	ADSB 125B	ADSB 150B		
			OUTDOOR UNIT		AMC 80C	AMC 100B	AMC 125B	AMC 150C		
NOMINAL CAPACITY				BTU/h	80,000	100,000	125,000	150,000		
				W	23,440	29,300	36,625	43,950		
NOMINAL TOTAL INPUT POWER				W	8,769	10,790	11,478	16,211		
NOMINAL RUNNING CURRENT				A	20.90	24.40	20.80	31.80		
EER				BTU/h/W	9.12	9.27	10.89	9.25		
				W/W	2.67	2.72	3.19	2.71		
POWER SOURCE				V/Ph/Hz	ID: 220 ~ 240/1/50 OD: 380 ~ 415/3/50		380 ~ 415 / 3 / 50			
INDOOR UNIT	CONTROL	OPERATION			WIRED CONTROL (FIELD SUPPLY)					
		AIR DISCHARGE			HORIZONTAL ONLY		HORIZONTAL & CONVERTIBLE			
	AIR FLOW		HIGH	l/s / CFM	1,180 / 2,500		1,510 / 3,200	1,982 / 4,200	2,171 / 4,600	
	EXTERNAL STATIC PRESSURE WITHOUT FILTER			Pa / in.wg	100 / 0.4		149 / 0.6			
	SOUND PRESSURE LEVEL			dBA	53	54	55	57		
	UNIT DIMENSION		HEIGHT	mm/in	648 / 25.51		963 / 37.91			
			WIDTH	mm/in	1,410 / 55.51		1,560 / 61.42			
			DEPTH	mm/in	794 / 31.26		1,036 / 40.79			
	PACKING DIMENSION		HEIGHT	mm/in	817 / 32.17	765 / 30.12		1,204 / 47.4		
			WIDTH	mm/in	1,606 / 63.23		1,650 / 64.96		1,787 / 70.35	
			DEPTH	mm/in	880 / 34.65		1,188 / 46.77			
	UNIT WEIGHT			kg/lb	105 / 231	109 / 240	194 / 428	201 / 443		
OUTDOOR UNIT	AIR FLOW			l/s / CFM	2,832 / 6,000	2,926 / 6,200		5,475 / 11,600		
	SOUND PRESSURE LEVEL			dBA	74	65		73		
	UNIT DIMENSION		HEIGHT	mm/in	946 / 37.2			1,041 / 41.0		
			WIDTH	mm/in	1,300 / 51.18		939 / 37.0			
			DEPTH	mm/in	500 / 19.68			1,116 / 43.9		
	PACKING DIMENSION		HEIGHT	mm/in	1,132 / 44.56	1,132 / 44.6		1,227 / 48.3		
			WIDTH	mm/in	1,414 / 55.66		1,112 / 43.8			
			DEPTH	mm/in	664 / 26.14		1,312 / 51.7			
	UNIT WEIGHT			kg/lb	145 / 320	164 / 361	169 / 373	227 / 500		
	PIPE CONNECTION		TYPE		BRAZED					
			SIZE	LIQUID	mm/in	12.7 / 1/2	15.88 / 5/8			
				GAS	mm/in	25.4 / 1.0	28.58 / 1%	34.92 / 1%		
	REFRIGERANT		TYPE		R22					
			CHARGE	kg/lb	6.8 / 14.96	7.6 / 16.72	7.95/17.49	9.90 / 21.78		

- Note:
1. All specifications are subjected to change by the manufacturer without prior notice.
 2. All units are being tested and comply to ISO 13253.
 3. Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

4. Indoor sound pressure level are according to JIS B 8615 standard.
Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

Double Skin Ducted Blower Split System (ADSB/AMC)

▼ SPECIFICATIONS

MODEL			INDOOR UNIT		ADSB 200B2	ADSB 250B2	ADSB 300B2	ADSB 300B3	
			OUTDOOR UNIT		AMC 100B x 2	AMC 125B x 2	AMC 150C x 2	AMC 100B x 3	
NOMINAL CAPACITY				BTU/h	200,000	250,000	300,000		
				W	58,600	73,250	87,900		
NOMINAL TOTAL INPUT POWER				W	21,605	23,646	34,688	31,850	
NOMINAL RUNNING CURRENT				A	39.80	42.80	66.70	59.50	
EER				BTU/h/W	9.25	10.57	8.65	9.42	
				W/W	2.71	3.10	2.53	2.76	
POWER SOURCE				V/Ph/Hz	380 ~ 415 / 3 / 50				
INDOOR UNIT	CONTROL	OPERATION			WIRED CONTROL (FIELD SUPPLY)				
		AIR DISCHARGE			HORIZONTAL & CONVERTIBLE				
	AIR FLOW		HIGH	l/s / CFM	3,021 / 6,400	3,776 / 8,000	4,248 / 9,000		
	EXTERNAL STATIC PRESSURE WITHOUT FILTER			Pa / in.wg	158 / 0.6	200 / 0.8			
	SOUND PRESSURE LEVEL			dBA	58	60	63		
	UNIT DIMENSION	HEIGHT	mm/in	967 / 38.07	1,318 / 51.89				
		WIDTH	mm/in	1,792 / 70.55	1,770 / 69.69				
		DEPTH	mm/in	1,028 / 40.47	1,244 / 48.98				
	PACKING DIMENSION	HEIGHT	mm/in	1,206 / 47.48	1,590 / 62.6				
		WIDTH	mm/in	2,090 / 82.28	2,134 / 84.02				
		DEPTH	mm/in	1,188 / 46.77	1,438 / 56.61				
	UNIT WEIGHT			kg/lb	243 / 536	371 / 818			
OUTDOOR UNIT	AIR FLOW			l/s / CFM	2926 / 6200		5,475 / 11,600	2,926 / 6,200	
	SOUND PRESSURE LEVEL			dBA	65		74	65	
	UNIT DIMENSION	HEIGHT	mm/in	946 / 37.2		1,041 / 41.0		946 / 37.2	
		WIDTH	mm/in	939 / 37.0					
		DEPTH	mm/in	1,116 / 43.9					
	PACKING DIMENSION	HEIGHT	mm/in	1,132 / 44.6		1,227 / 48.3	1,132 / 44.6		
		WIDTH	mm/in	1,112 / 43.8					
		DEPTH	mm/in	1,312 / 51.7					
	UNIT WEIGHT			kg/lb	164 / 361	169 / 372	227 / 500	164 / 361	
	PIPE CONNECTION	TYPE			BRAZED				
		SIZE	LIQUID	mm/in	15.88 / 5/8		15.9 / %		
			GAS	mm/in	28.58 / 1%		34.92 / 1%		28.58 / 1%
REFRIGERANT		TYPE			R22				
		CHARGE	kg/lb	7.6 (x2) / 16.8 (x2)	7.95 (x2) / 17.49 (x2)	9.9 (x2) / 21.78 (x2)	7.6 (x3) / 16.8 (x3)		

- Note:
1. All specifications are subjected to change by the manufacturer without prior notice.
 2. All units are being tested and comply to ISO 13253.
 3. Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

4. Indoor sound pressure level are according to JIS B 8615 standard.
Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

Double Skin Ducted Blower Split System (ADSB/AMC)

▼ SPECIFICATIONS

MODEL			INDOOR UNIT		ADSB 350B3		ADSB 400B4	ADSB 500B4	
			OUTDOOR UNIT		AMC 100B x 1	AMC 125B x 2	AMC 100B x 4	AMC 125B x 4	
NOMINAL CAPACITY				BTU/h	350,000		400,000	500,000	
				W	102,550		117,200	146,500	
NOMINAL TOTAL INPUT POWER				W	35,416		42,373	52,447	
NOMINAL RUNNING CURRENT				A	63.90		79.00	94.50	
EER				BTU/h/W	9.55		10.05	9.66	
				W/W	2.80		2.95	2.83	
POWER SOURCE				V/Ph/Hz	380 ~ 415 / 3 / 50				
INDOOR UNIT	CONTROL	OPERATION		WIRED CONTROL (FIELD SUPPLY)					
		AIR DISCHARGE		HORIZONTAL & CONVERTIBLE					
	AIR FLOW		HIGH	l/s / CFM	4,956 / 10,500		5,664 / 12,000	7,080 / 15,000	
	EXTERNAL STATIC PRESSURE WITHOUT FILTER		Pa / in.wg	200 / 0.8				250 / 1.0	
	SOUND PRESSURE LEVEL		dBA	63		64	65		
	UNIT DIMENSION	HEIGHT	mm/in	1,592 / 62.68		1,585 / 62.4			
		WIDTH	mm/in	2,050 / 80.71		2,212 / 87.09			
		DEPTH	mm/in	1,275 / 50.2		1,562 / 61.50			
	PACKING DIMENSION	HEIGHT	mm/in	1,868 / 73.54		1,850 / 72.83			
		WIDTH	mm/in	2,370 / 93.31		2,431 / 95.71			
		DEPTH	mm/in	1,538 / 60.55		1,738 / 68.43			
	UNIT WEIGHT		kg/lb	472 / 1,041		547 / 1,206	642 / 1,415		
OUTDOOR UNIT	AIR FLOW		l/s / CFM	2,926 / 6,200		2,926 / 6,200			
	SOUND PRESSURE LEVEL		dBA	65					
	UNIT DIMENSION	HEIGHT	mm/in	946 / 37.2					
		WIDTH	mm/in	939 / 37.0					
		DEPTH	mm/in	1,116 / 43.9					
	PACKING DIMENSION	HEIGHT	mm/in	1,132 / 44.6					
		WIDTH	mm/in	1,112 / 43.8					
		DEPTH	mm/in	1,312 / 51.7					
	UNIT WEIGHT		kg/lb	164 / 361	169 / 372	164 / 361	169 / 372		
	PIPE CONNECTION	TYPE		BRAZED					
		SIZE	LIQUID	mm/in	15.9 / %				
			GAS	mm/in	28.58 / 1%	34.92 / 1%	28.58 / 1%	34.9 / 1%	
REFRIGERANT		TYPE		R22					
		CHARGE	kg/lb	7.6 / 16.8	7.95 (x2) / 17.49(x2)	7.6 (x4) / 16.8 (x4)	7.95 (x4) / 17.49 (x4)		

- Note:
1. All specifications are subjected to change by the manufacturer without prior notice.
 2. All units are being tested and comply to ISO 13253.
 3. Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

4. Indoor sound pressure level are according to JIS B 8615 standard.
Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

Double Skin Ducted Blower Split System (A5DSB-H/A5MC-H)

▼ SPECIFICATIONS

MODEL		INDOOR UNIT		A5DSB 80H	A5DSB 100H	A5DSB 125H	A5DSB 150H	
		OUTDOOR UNIT		A5MC 80H	A5MC 100H	A5MC 125H	A5MC 150H	
NOMINAL CAPACITY			BTU/h	80,000	100,000	125,000	150,000	
			W	23,400	29,300	36,600	44,000	
NOMINAL TOTAL INPUT POWER			W	7,100	10,000	11,350	14,800	
NOMINAL RUNNING CURRENT			A	12.50	17.10	19.70	28.70	
EER			BTU/h/W	11.27	10.00	11.01	10.14	
			W/W	3.30	2.93	3.22	2.97	
POWER SOURCE			V/Ph/Hz	ID: 220 - 240 / 1 / 50 OD: 380 - 415 / 3 / 50		380 - 415 / 3 / 50		
INDOOR UNIT	CONTROL	OPERATION		WIRED CONTROL (FIELD SUPPLY)				
		AIR DISCHARGE		HORIZONTAL & NON - CONVERTIBLE		HORIZONTAL & CONVERTIBLE		
	AIR FLOW		HIGH	I/s / CFM	1,085 / 2,300	1,416 / 3,000	1,770 / 3,750	2,124 / 4,500
	EXTERNAL STATIC PRESSURE WITH FILTER			Pa / in.wg	100 / 0.4		150 / 0.6	
	SOUND PRESSURE LEVEL			dBA	52	55	53	56
	UNIT DIMENSION	HEIGHT	mm/in	632 / 24.88		842 / 33.15		
		WIDTH	mm/in	1,438 / 56.61		1,588 / 62.52		
		DEPTH	mm/in	730 / 28.74		973 / 38.31		
	PACKING DIMENSION	HEIGHT	mm/in	844 / 33.23		1,190 / 46.85		
		WIDTH	mm/in	1,782 / 70.16		1,878 / 73.94		
		DEPTH	mm/in	1,040 / 40.94		1,275 / 50.20		
	UNIT WEIGHT			kg/lb	99 / 218	100 / 218	180 / 397	
OUTDOOR UNIT	AIR FLOW			I/s / CFM	2,077 / 4,400	3,020 / 6,400	3,256 / 6,900	4,908 / 10,400
	SOUND PRESSURE LEVEL			dBA	69	65	65	70
	UNIT DIMENSION	HEIGHT	mm/in	929 / 36.57	1,067 / 42	1,067 / 42	1,166 / 45.91	
		WIDTH	mm/in	1,235 / 48.62	880 / 34.65	980 / 38.58		
		DEPTH	mm/in	496 / 19.53	880 / 34.65	980 / 38.58		
	PACKING DIMENSION	HEIGHT	mm/in	1,085 / 42.72	1,231 / 48.46	1,231 / 48.46	1,321 / 52.01	
		WIDTH	mm/in	1,385 / 54.53	1,030 / 40.55	1,130 / 44.49		
		DEPTH	mm/in	684 / 26.93	1,058 / 41.65	1,158 / 45.59		
	UNIT WEIGHT			kg/lb	111 / 244.71	135 / 297.62	157 / 346.13	177 / 390.22
	PIPE CONNECTION	TYPE			BRAZED			
			SIZE	LIQUID	mm/in	12.7 / 1/2		15.88 / 5/8
	REFRIGERANT			GAS	mm/in	22.23 / ¾	25.4 / 1	28.58 / 1 ⅝
TYPE			R410A					
			CHARGE	kg/lb	2.5 / 5.51	3.4 / 7.5	4.8 / 10.58	5.2 / 11.46

- Note:
1. All specifications are subjected to change by the manufacturer without prior notice.
 2. All units are being tested and comply to ISO 13253.
 3. Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

4. Indoor sound pressure level are according to JIS B 8615 standard.
- Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
- Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

Double Skin Ducted Blower Split System (A5DSB-H/A5MC-H)

▼ SPECIFICATIONS

MODEL			INDOOR UNIT		A5DSB 200H2	A5DSB 250H2	A5DSB 300H2	A5DSB 300H3
			OUTDOOR UNIT		A5MC 100H x 2	A5MC 125H x 2	A5MC 150H x 2	A5MC 100H x 3
NOMINAL CAPACITY			BTU/h		200,000	250,000	300,000	
			W		58,600	73,200	88,000	
NOMINAL TOTAL INPUT POWER			W		19,700	23,880	30,520	29,710
NOMINAL RUNNING CURRENT			A		35.10	40.60	58.70	52.60
EER			BTU/h/W		10.15	10.47	9.83	10.10
			W/W		2.97	3.07	2.88	2.96
POWER SOURCE			V/Ph/Hz		380 - 415 / 3 / 50			
INDOOR UNIT	CONTROL	OPERATION		WIRED CONTROL (FIELD SUPPLY)				
		AIR DISCHARGE		HORIZONTAL & CONVERTIBLE				
	AIR FLOW		HIGH	I/s / CFM	2,832 / 6,000	3,540 / 7,500	4,248 / 9000	
	EXTERNAL STATIC PRESSURE WITH FILTER			Pa / in.wg	200 / 0.8			
	SOUND PRESSURE LEVEL			dBA	61	63	66	66
	UNIT DIMENSION	HEIGHT	mm/in	932 / 36.69	1,282 / 50.47			
		WIDTH	mm/in	1,770 / 69.69				
		DEPTH	mm/in	950 / 37.4	1,170 / 46.06			
	PACKING DIMENSION	HEIGHT	mm/in	1,190 / 46.85	1,490 / 58.66			
		WIDTH	mm/in	2,060 / 81.10	2,032 / 80.00			
		DEPTH	mm/in	1,275 / 50.20	1,482 / 58.35			
	UNIT WEIGHT			kg/lb	218 / 481	350 / 772	364 / 802	
OUTDOOR UNIT	AIR FLOW		I/s / CFM	3,020 / 6,400	3,256 / 6,900	4,908 / 10,400	3,020 / 6,400	
	SOUND PRESSURE LEVEL			dBA	65	65	70	65
	UNIT DIMENSION	HEIGHT	mm/in	1,067 / 42	1,067 / 42	1,166		1,067 / 42
		WIDTH	mm/in	880 / 34.65	980 / 38.58			880 / 34.65
		DEPTH	mm/in	880 / 34.65	980 / 38.58			880 / 34.65
	PACKING DIMENSION	HEIGHT	mm/in	1,231 / 48.46			1,321 / 52.01	1,231 / 48.46
		WIDTH	mm/in	1,030 / 40.55			1,130 / 44.49	1,030 / 40.55
		DEPTH	mm/in	1,058 / 41.65			1,158 / 45.59	1,058 / 41.65
	UNIT WEIGHT			kg/lb	135 / 297.62	157 / 346.13	177 / 390.22	135 / 297.62
	PIPE CONNECTION	TYPE		BRAZED				
		SIZE	LIQUID	mm/in	12.7 / 1/2			15.88 / 5/8
			GAS	mm/in	25.4 / 1	28.58 / 1%	34.92 / 1 3/8	
REFRIGERANT			TYPE		R410A			
			CHARGE	kg/lb	3.6 x 2 / 7.94 x 2	4.0 x 2 / 8.82 x 2	4.7 x 2 / 10.36 x 2	3.2 x 3 / 7.05 x 3

- Note:
1. All specifications are subjected to change by the manufacturer without prior notice.
 2. All units are being tested and comply to ISO 13253.
 3. Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

4. Indoor sound pressure level are according to JIS B 8615 standard.
- Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
- Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)

Double Skin Ducted Blower Split System (A5DSB-H/A5MC-H)

✔ SPECIFICATIONS

MODEL		INDOOR UNIT		A5DSB 350H3		A5DSB 400H4	A5DB 500H4
		OUTDOOR UNIT		A5MC 100H	A5MC 125H x 2	A5MC 100H x 4	A5MC 125H x 4
NOMINAL CAPACITY			BTU/h	350,000		400,000	500,000
			W	102,500		117,200	146,500
NOMINAL TOTAL INPUT POWER			W	34,550		39,330	49,990
NOMINAL RUNNING CURRENT			A	60.4		70.20	85.60
EER			BTU/h/W	10.13		10.17	10.00
			W/W	2.97		2.98	2.93
POWER SOURCE			V/Ph/Hz	380 - 415 / 3 / 50			
INDOOR UNIT	CONTROL	OPERATION		WIRED CONTROL (FIELD SUPPLY)			
		AIR DISCHARGE		HORIZONTAL & CONVERTIBLE			
	AIR FLOW		HIGH	I/s / CFM	4,955 / 10,500	5,710 / 12,000	7,135 / 15,000
	EXTERNAL STATIC PRESSURE WITH FILTER			Pa / in.wg	200 / 0.8	250 / 1.0	
	SOUND PRESSURE LEVEL			dBA	66		68
	UNIT DIMENSION	HEIGHT	mm/in	1,540 / 60.63		1,540 / 60.63	
		WIDTH	mm/in	2,020 / 79.53		2,020 / 79.53	
		DEPTH	mm/in	1,170 / 46.06		1,170 / 46.06	
	PACKING DIMENSION	HEIGHT	mm/in	1,790 / 70.47		1,790 / 70.47	
		WIDTH	mm/in	2,282 / 89.84		2,282 / 89.84	
		DEPTH	mm/in	1,532 / 60.31		1,532 / 60.31	
	UNIT WEIGHT		kg/lb	462 / 1,019		523 / 1,153	615 / 1,356
OUTDOOR UNIT	AIR FLOW		I/s / CFM	3,020 / 6,400	3,256 / 6,900	3,020 / 6,400	3,256 / 6,900
	SOUND PRESSURE LEVEL		dBA	65		65	
	UNIT DIMENSION	HEIGHT	mm/in	1,067 / 42		1,067 / 42	
		WIDTH	mm/in	880 / 34.65	980 / 38.58	880 / 34.65	980 / 38.58
		DEPTH	mm/in	880 / 34.65	980 / 38.58	880 / 34.65	980 / 38.58
	PACKING DIMENSION	HEIGHT	mm/in	1,231 / 48.46		1,231 / 48.46	
		WIDTH	mm/in	1,030 / 40.55	1,130 / 44.49	1,030 / 40.55	1,130 / 44.49
		DEPTH	mm/in	1,058 / 41.65	1,158 / 45.59	1,058 / 41.65	1,158 / 45.59
	UNIT WEIGHT		kg/lb	135 / 297.62	157 / 346.13	135 / 297.62	157 / 346.13
	PIPE CONNECTION	TYPE		BRAZED			
		SIZE	LIQUID	mm/in	12.7 / 1/2		12.7 / 1/2
			GAS	mm/in	25.4 / 1	28.58 / 1½	25.4 / 1
	REFRIGERANT	TYPE		R410A			
		CHARGE		kg/lb	3.1 / 6.83	4.7 x 2 / 10.36 x 2	3.4 x 4 / 7.50 x 4
							4.5 x 4 / 9.92 x 4

- Note:
- 1. All specifications are subjected to change by the manufacturer without prior notice.
 - 2. All units are being tested and comply to ISO 13253.
 - 3. Nominal cooling capacity are based on the conditions below:

Cooling	
Indoor	27°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB

4. Indoor sound pressure level are according to JIS B 8615 standard.
- Horizontal Discharge: Position of the measurement point 1.5m below the unit.
(With 1m duct connect to the inlet and 2m duct connect to the outlet)
- Vertical Discharge : Position of the measurement point is 1m away from every side of the unit and 1m above floor level.
(With Tested with 2m length duct at discharge only)



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